

State of Louisiana  
Department of Transportation and Development (DOTD)  
Materials and Testing Section Approved Material Procedure  
for

**ASPHALT MIX RELEASE AGENTS**

**MATERIAL SPECIFICATION REFERENCE:**

DOTD Standard Specifications, Subsection 1018.10

**PRELIMINARY REQUIREMENTS:**

Approved Material Evaluation Form

The manufacturer shall submit a standard "Approved Material Evaluation Form" to the DOTD Materials and Testing Section Coordinator listed below, along with a letter requesting evaluation for the Approved Materials List.

General Information

Include all pertinent information relative to the material to be evaluated; including, but not limited to, manufacturer's specifications, typical analysis and a Safety Data Sheet (SDS) if applicable.

AASHTO  
National Transportation Products Evaluation Program (NTPEP)  
Product Evaluation Form

The manufacturer shall also submit a standard "AASHTO National Transportation Products Evaluation Program (NTPEP) Product Evaluation Form" to the AASHTO NTPEP Coordinator. The manufacturer will be contacted by the Coordinator regarding the submission of samples. For more information regarding operating procedures, submittals, and testing procedures, contact the NTPEP Coordinator at 202.624.3695, or visit the NTPEP website at [www.ntpep.org](http://www.ntpep.org).

**TEST REQUIREMENTS:**

AASHTO NTPEP

Laboratory results obtained by the AASHTO NTPEP will be used in the evaluation of this material.

Laboratory Testing

Laboratory results obtained by the AASHTO NTPEP will be used to determine that the material exhibits no deleterious effects on hot mix asphaltic concrete by demonstrating conformance to the following requirements:

### Asphalt Release Agent Properties

Test		Requirement
7-Day Asphalt Stripping Test		
	Diluted to recommended mix ratio	No stripping
	Full Strength	No stripping (see note)
Mixture Slide Test		10 grams retained, max
Note – Recommended dilution mix ratio may be considered when evaluating the 7-day stripping test at full strength.		

#### Field Evaluation

The Department may require an Asphalt Mix Release Agent to prove its performance through field use prior to placement upon the Approved Materials List. The field evaluation will be performed by District Laboratory personnel, and shall entail application of the material to a truck bed with subsequent observation of hot mix being dumped from the bed. Comparison to other trucks dumping hot mix from beds sprayed with a previously approved Asphalt Mix Release Agent is the basis for this evaluation.

#### Evaluation Time

Laboratory testing - 2 weeks

Field evaluation - 2 months

#### **GENERAL:**

Upon completion of the evaluation, the submitter will be notified in writing concerning the results of the evaluation and whether the material will or will not be added to the Approved Materials List. The Department reserves the right to reevaluate any material at any time. The Department must be notified in writing of any change in material formulation. Significant changes may require reevaluation of the material.

#### **PROJECT ACCEPTANCE REQUIREMENTS:**

Inclusion of your product on the Approved Materials List is not blanket approval for its use.

All products, regardless of prior approval, shall be sampled in accordance with the Materials Sampling Manual.

#### **DISQUALIFICATION:**

Any material may be removed from the Approved Materials List for non-conformance with specifications or performance requirements. The Department must be notified in writing of any change in material formulation. Significant changes may require reevaluation of the material.

**REQUALIFICATION:**

A material which has been disqualified and removed from the Approved Materials List will be considered for reevaluation only after submission of a formal request along with acceptable evidence that the problems causing the disqualification have been resolved.

**DOTD MATERIALS AND TESTING SECTION COORDINATOR:**

Patrick Icenogle, P.E.  
Special Test Engineer  
DOTD Materials and Testing Section  
5080 Florida Blvd.  
Baton Rouge, LA 70806  
(225) 248-4103

Approved 2-5-15

A handwritten signature in black ink, appearing to read 'Chris Abadie', with a stylized flourish at the end.

CHRIS ABADIE, P.E.  
DOTD MATERIALS ENGINEER ADMINISTRATOR